

Amendments to the Claims:

1. (Currently Amended) A method comprising:

distributing a software platform to a first enterprise, the software platform for use in connection with an enterprise computing system having a plurality of backend software applications; and

distributing the software platform to a second enterprise, the software platform including a data modeling program allowing creation of a data model defining ~~one or more data element, data relationship, data dependency, data elements, data relationships, data dependencies~~ and data distribution attributes required for interfacing a mobile software application with at least one of the plurality of backend applications and a deployment feature allowing deployment of at least a portion of the data model to a plurality of mobile computing devices.

2. (Previously Presented) The method of claim 1, wherein the data model is decoupled from a particular mobile software application and a particular backend application.

3. (Original) The method of claim 1, wherein the software platform is distributed to the first enterprise using a first distribution mechanism and the software platform is distributed to the second enterprise using a second distribution mechanism.

4. (Original) The method of claim 1, wherein the first enterprise is in a different primary industry category than the second enterprise.

5. (Original) The method of claim 1, further comprising receiving monetary value from the first and the second enterprises in connection with the distribution of the software platform.

6. (Original) The method of claim 1, wherein the software platform includes a development environment that allows creation of a software application that references the data model.

7. (Original) The method of claim 1, wherein the software platform is integrated with a backend software application of the first enterprise.

8. (Original) The method of claim 1, wherein the software platform is integrated with a backend software application of the second enterprise.

9. (Original) The method of claim 1, further comprising using a mobile computing system to create a second software application, the second software application to control transfer of data with at least one of the plurality of backend applications of the enterprise computing system, wherein the second software application references the data model.

10. (Original) The method of claim 9, further comprising deploying the second software application onto a mobile application server, the mobile application server responsive to the enterprise computing system and responsive to the plurality of mobile computing devices.

11. (Original) The method of claim 10, wherein data is transferred asynchronously between the first software application and the second software application.

12. (Original) The method of claim 9, wherein the mobile computing system uses a mobile domain.

13. (Previously Presented) The method of claim 6, wherein the software application is a task specific software application targeted for use by a selected class of employees of an enterprise associated with the enterprise computing system.

14. (Original) The method of claim 13, wherein an employee using one of the mobile computing devices provides information so that the employee is authenticated as belonging to the selected class so that such employee is given access to the first software application.

15. (Currently Amended) A system integration method comprising:

integrating a first computing system into a first enterprise network, the first computing system comprising:

an integration unit operable to access a backend application of the first enterprise network, the integration unit further operable to access a first data model defining ~~one or more data element, data relationship, data dependency~~ data elements, data relationships, data dependencies and data distribution attributes required for interfacing a mobile software application with a backend application and referencing at least one enterprise object associated with the backend application; and

a connection unit responsive to a plurality of mobile computing devices, at least one of the plurality of mobile computing devices having access to the first data model; and

integrating a second computing system to a second enterprise.

16. (Original) The method of claim 15, further comprising providing integration services in connection with integrating the first computing system into the first enterprise network.

17. (Previously Presented) The method of claim 16, further comprising receiving monetary value in connection with providing the integration services.

18. (Original) The method of claim 15, further comprising receiving monetary value in connection with integrating the first computing system.

19. (Currently Amended) The method of claim 15, further comprising developing a mobile software application for deployment on a mobile computing device, the mobile software application operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the first data model when interfacing with a backend application.

20. (Original) The method of claim 15, wherein the first computing system further comprises a data management module in communication with the integration unit and with the connection unit.

21. (Previously Presented) The method of claim 15, wherein transaction data is transferred asynchronously between the plurality of mobile computing devices and the connection unit.

22. (Previously Presented) The method of claim 15, wherein integration transaction data is transmitted between a data management module and the integration unit.

23. (Original) The method of claim 22, wherein integration transaction data is transmitted between the integration unit and the back-end application.

24. (Original) The method of claim 22, wherein the back-end application is selected from the group consisting of an accounting program, a database program, an enterprise resource management program, and a customer relationship management program.

25. (Currently Amended) A method of distributing a software platform, the method comprising:

distributing the software platform to an enterprise having an enterprise software system, wherein the software platform comprises:

a software tool for creating a mobile data model, the mobile data model associated with data from the enterprise software system and defining ~~one or more data element, data relationship, data dependency~~ ~~data elements, data relationships, data dependencies~~ and data distribution attributes required for interfacing a mobile software application with the enterprise software system;

an integration module responsive to the enterprise software system, the integration module having access to the mobile data model; and

a connection module responsive to a plurality of mobile computing devices.

26. (Original) The method of claim 25, wherein the software platform includes a deployment feature to provide for transferring a mobile software application referencing the mobile data model to at least one of the plurality of mobile computing devices.

27. (Currently Amended) A method comprising:
distributing to a first enterprise a software platform, the software platform comprising:
data modeling code for creating a data model that models both enterprise backend applications and objects; and
~~one or more data element, data relationship, data dependency data elements, data relationships, data dependencies~~ and data distribution attributes required for interfacing a mobile software application with an enterprise backend application or object to a mobile computing device; and
distributing to a second enterprise a second version of the software platform.
28. (Original) The method of claim 27, wherein the data model describes a naming and directory interface that associates enterprise names and objects in a binding that allows access to an SQL database system.
29. (Currently Amended) A method comprising:
identifying a provider of a software platform; and
receiving the software platform, the software platform comprising:
data modeling code for creating a data model that models both enterprise backend applications and objects; and
~~one or more data element, data relationship, data dependency data elements, data relationships, data dependencies~~ and data distribution attributes required for interfacing a mobile software application with an enterprise backend application or object to a mobile computing device.
30. (Original) The method of claim 29, further comprising licensing the software platform from the provider.

31. (Original) The method of claim 29, further comprising distributing the software platform to another party.

32. (Original) The method of claim 29, further comprising using the software platform.

33. (Original) The method of claim 29, further comprising making copies of the software platform.

34. (Original) The method of claim 29, further comprising securing the right to distribute the software platform.

35. (Original) The method of claim 29, further comprising bundling the software platform with other software to create a bundled package.

36. (Currently Amended) A method comprising:
receiving a software platform, the software platform comprising:
data modeling code for creating a data model that models enterprise backend application objects; and

mobility deployment code for deploying at least a portion of a data model defining one or more data element, data relationship, data dependency data elements, data relationships, data dependencies and data distribution attributes required for interfacing a mobile software application with an enterprise backend application or object to a mobile computing device; and

hosting the software platform on a server.

37. (Original) The method of claim 36, further comprising receiving monetary value in connection with hosting the software platform.

38. (Original) The method of claim 36, further comprising deploying at least a portion of the data model to a plurality of mobile computing devices.

39. (New) A method comprising:

distributing a software platform to a first enterprise, the software platform for use in connection with an enterprise computing system having a plurality of backend software applications;

distributing the software platform to a second enterprise, the software platform including a data modeling program allowing creation of a data model, the data model providing physical and logical views of data, describing transactions between a mobile software application and at least one backend software application, defining connections between data classes that express relationships and dependency relationships and including embedded distribution attributes; and

interfacing the mobile software application with the backend software application using at least a portion of the data model.

40. (New) A system integration method comprising:

integrating a first computing system into a first enterprise network, the first computing system including an integration unit operable to access a backend application of the first enterprise network, the integration unit further operable to access a first data model associated with enterprise data to be shared between at least one of a plurality of backend applications and at least one of a plurality of mobile computing devices, the data model defining attributes required for interfacing a mobile software application with at least one of the plurality of backend applications and wherein the data model contains elements that are mobile computing device user dependent; and

a connection unit responsive to a plurality of mobile computing devices, at least one of the plurality of mobile computing devices having access to the first data model.

41. (New) The system integration method of claim 40, further comprising the integration unit adapted to read from and write to a backend application by accessing the data model.

42. (New) The method of claim 40, further comprising routing information flow between the integration unit, a mobile computing device and a backend application in accordance with the data model

43. (New) The method of claim 40, further comprising the attributes required for interfacing a mobile software application with at least one of the plurality of backend applications including one or more data elements, data relationships, data dependencies, and data distribution attributes.

44. (New) The method of claim 40, further comprising a deployment feature allowing deployment of at least a portion of the data model to a plurality of mobile data computing devices.

45. (New) A method comprising:

distributing a software platform to a first enterprise, the software platform for use in connection with an enterprise computing system having a plurality of backend software applications; and

distributing the software platform to a second enterprise, the software platform including a data modeling program allowing creation of a mobile data model describing transactions, defining connections between data classes, expressing relationships and dependency relationships for interfacing a mobile software application with a least one backend application and including embedded distribution attributes forming a basis for the dissemination of one or more data instances to one or more interested consumers, the software platform further including a deployment feature allowing deployment of at least a portion of the mobile data model to a plurality of mobile computing devices.

46. (New) The method of Claim 45, wherein the one or more interested consumers includes a software instance deployed to one or more entities of a domain.

47. (New) The method of Claim 46, wherein the software instance includes an integration component operable to access, create, and update data instances in the domain directly while interfacing with one or more enterprise systems.

48. (New) The method of Claim 45, wherein the mobile data model is decoupled from a particular mobile software application and a particular backend application for which it provides an

interface such that the mobile data model may be altered without affecting changes in either the decoupled mobile software application or the decoupled backend application.

49. (New) The method of Claim 45, wherein at least one of mobile software application interacts with the mobile data model when referencing enterprise data.

50. (New) The method of Claim 45, wherein the mobile data model may be accessed to allow at least one mobile software application and the backend application access to an enterprise data store.

51. (New) The method of Claim 45, wherein the mobile data model defines a physical view of data, an object oriented view of data and a logical view of data.

52. (New) The method of Claim 45, further comprising building one or more software applications referencing the mobile data model using the distributed software platform.

53. (New) A method comprising:

distributing a software platform to a first enterprise, the software platform for use in connection with an enterprise computing system having a plurality of backend software applications; and

distributing the software platform to a second enterprise, the software platform including a data modeling program allowing creation of a data model defining data elements, data relationships, data dependencies and data distribution attributes required for and actively employed in interfacing a mobile software application with at least one of the plurality of backend applications and a deployment feature allowing deployment of at least a portion of the data model to a plurality of mobile computing devices.